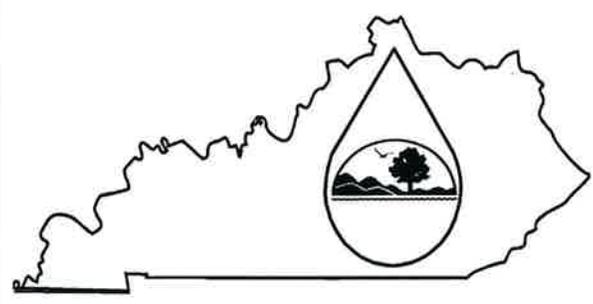


US EPA ARCHIVE DOCUMENT

AZ 83261

KPDES FORM C

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM



PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact Surface Water Permits Branch, (502) 564-3410.

Name of Facility: XINERGY CORP	County: HARLAN
I. OUTFALL LOCATION	AGENCY USE 0108324

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (name)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
See attachment							

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
See attachment				

I. OUTFALL LOCATION

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (NAME)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
P-1	36	53	2	83	28	44	SALT TRACE BRANCH
P-2	36	53	10	83	29	50	SALT TRACE BRANCH
P-2A	36	53	15	83	28	51	SALT TRACE BRANCH
P-3A	36	53	23	83	28	45	SALT TRACE BRANCH
P-5A	36	53	25	83	28	34	SALT TRACE BRANCH
P-6	36	53	18	83	28	28	SALT TRACE BRANCH
P-7	36	53	23	83	28	23	ARROW HOLLOW
P-8	36	53	18	83	28	14	ARROW HOLLOW
P-9	36	53	16	83	28	3	ARROW HOLLOW
P-9A	36	53	12	83	28	4	ARROW HOLLOW
P-10	36	53	10	83	28	13	ARROW HOLLOW
P-11	36	53	3	83	28	13	SALT TRACE BRANCH
P-12	36	52	55	83	28	4	SALT TRACE BRANCH
P-13	36	52	58	83	27	57	OWL HOLLOW
P-13A	36	53	7	83	27	50	OWL HOLLOW
P-14	36	53	13	83	27	46	KENTUCKY BRANCH
P-15	36	53	23	83	27	49	KENTUCKY BRANCH
P-16	36	53	31	83	27	56	KENTUCKY BRANCH
P-17	36	53	25	83	28	7	KENTUCKY BRANCH
P-18	36	53	30	83	28	12	KENTUCKY BRANCH
P-19	36	53	34	83	28	22	KENTUCKY BRANCH
P-20	36	53	41	83	28	26	KENTUCKY BRANCH
P-21	36	53	45	83	28	23	KENTUCKY BRANCH
P-22	36	53	46	83	28	12	KENTUCKY BRANCH

I. OUTFALL LOCATION Continued.

Outfall No. (list)	LATITUDE			LONGITUDE			RECEIVING WATER (NAME)
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
P23	36	53	54	83	28	7	MIDDLE FORK
P24	36	53	57	83	28	35	MIDDLE FORK
P25	36	53	58	83	28	42	MIDDLE FORK
P26	36	53	50	83	28	46	MIDDLE FORK
P27	36	53	43	83	28	53	MIDDLE FORK
P28	36	53	48	83	28	57	MIDDLE FORK
P29	36	53	52	83	29	1	MIDDLE FORK
P30	36	53	30	83	29	18	MIDDLE FORK
P31	36	53	24	83	29	9	MIDDLE FORK
P32	36	53	13	83	29	12	BIG RUN
P33	36	53	2	83	29	8	BIG RUN
P34	36	53	26	83	28	40	SALT TRACE BRANCH
P35	36	53	35	83	29	27	BIG RUN
P36	36	53	38	83	29	17	MIDDLE FORK
P37	36	53	40	83	29	8	MIDDLE FORK
P38	36	53	47	83	29	6	MIDDLE FORK
P39	36	53	34	83	29	8	MIDDLE FORK
P40	36	54	2	83	29	34	MIDDLE FORK
P41	36	54	6	83	28	28	MIDDLE FORK
P42	36	54	8	83	28	22	MIDDLE FORK

II B

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
		Avg/Design		List Codes from
	Operation (list)	Flow(includes unites)	Description	Table C-1
			Sedimentation	1-U
P-8	Surface runoff	27 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-9	Surface runoff	29 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-9A	Surface runoff	35 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-10	Surface runoff	18 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-11	Surface runoff	32 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-12	Surface runoff	30 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-13	Surface runoff	34 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-13A	Surface runoff	31 cfs peak	Discharge to surface water	4-A

II B. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES Continued

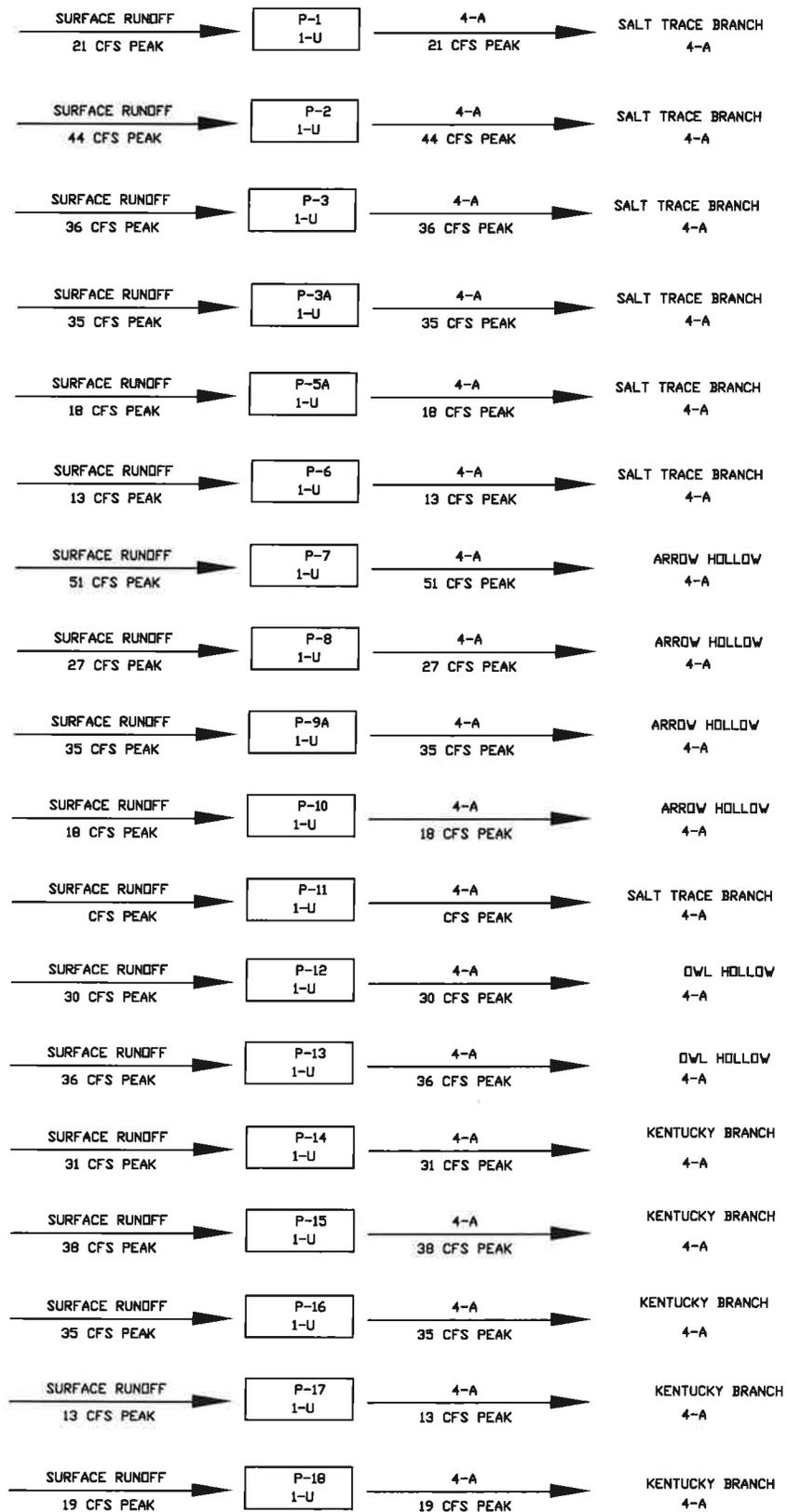
OUTFALL NO. (list)	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
		Avg/Design		List Codes from
	Operation (list)	Flow(includes unites)	Description	Table C-1
P-8	Surface runoff	27 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-9	Surface runoff	29 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-9A	Surface runoff	35 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-10	Surface runoff	18 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-11	Surface runoff	32 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-12	Surface runoff	30 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-13	Surface runoff	34 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A
P-13A	Surface runoff	31 cfs peak	Sedimentation	1-U
			Discharge to surface water	4-A

II B. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES Continued

OUTFALL NO.	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
				List Codes from
(list)		Avg/Design		Table C-1
	Operation (list)	Flow(includes unites)	Description	
			Sedimentation	1-U
P-25	Surface runoff	31 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-26	Surface runoff	44 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-27	Surface runoff	31 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-28	Surface runoff	12 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-29	Surface runoff	6 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-30	Surface runoff	22 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-31	Surface runoff	25 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-32	Surface runoff	30 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-33	Surface runoff	35 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-34	Surface runoff	173 cfs peak	Discharge to surface water	4-A

II B. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES Continued

OUTFALL NO.	OPERATION(S) CONTRIBUTING FLOW		TREATMENT	
	(list)	Avg/Design		List Codes from
	Operation (list)	Flow(includes unites)	Description	Table C-1
			Sedimentation	1-U
P-35	Surface runoff	14 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-36	Surface runoff	27 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-37	Surface runoff	35 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-38	Surface runoff	18 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-39	Surface runoff	10 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-40	Surface runoff	15 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-41	Surface runoff	12 cfs peak	Discharge to surface water	4-A
			Sedimentation	1-U
P-42	Surface runoff	8 cfs peak	Discharge to surface water	4-A



DATE: 11/06/09

SCALE: NTS

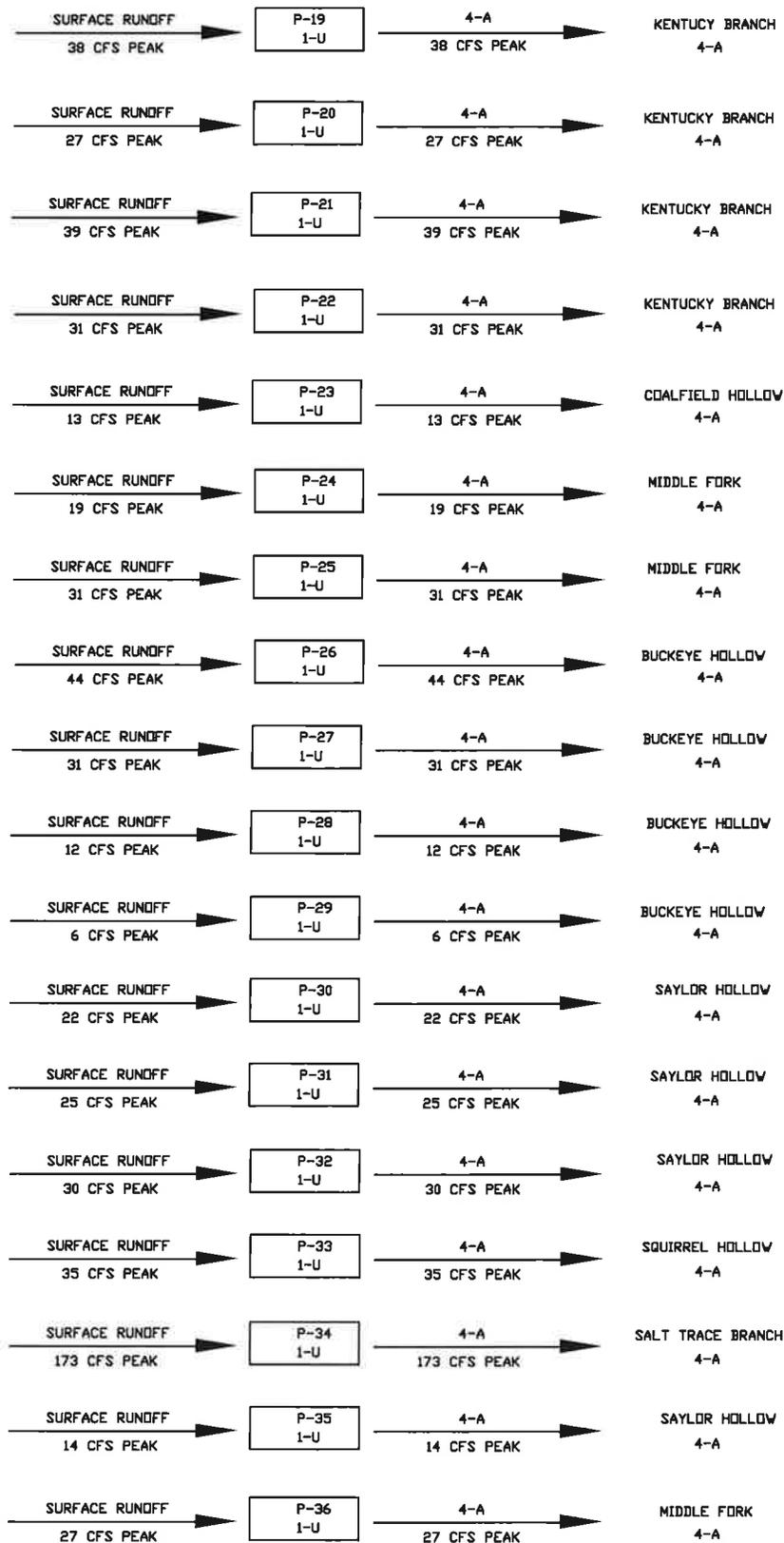
DRAWN BY: E.BRACE

XINERGY CORP
 8351 EAST WALKER SPRINGS ROAD
 KNOXVILLE, TN, 37923

SUMMIT ENGINEERING, INC.
 131 Summit Drive
 Pikeville, Ky. 41501
 (606) 432-1447

DESIGN FLOW DIAGRAM

Lexington, Ky Grundy, Va Logan, Wv
 Charleston, Wv Hazard, Ky



DATE: 11/06/09

SCALE: NTS

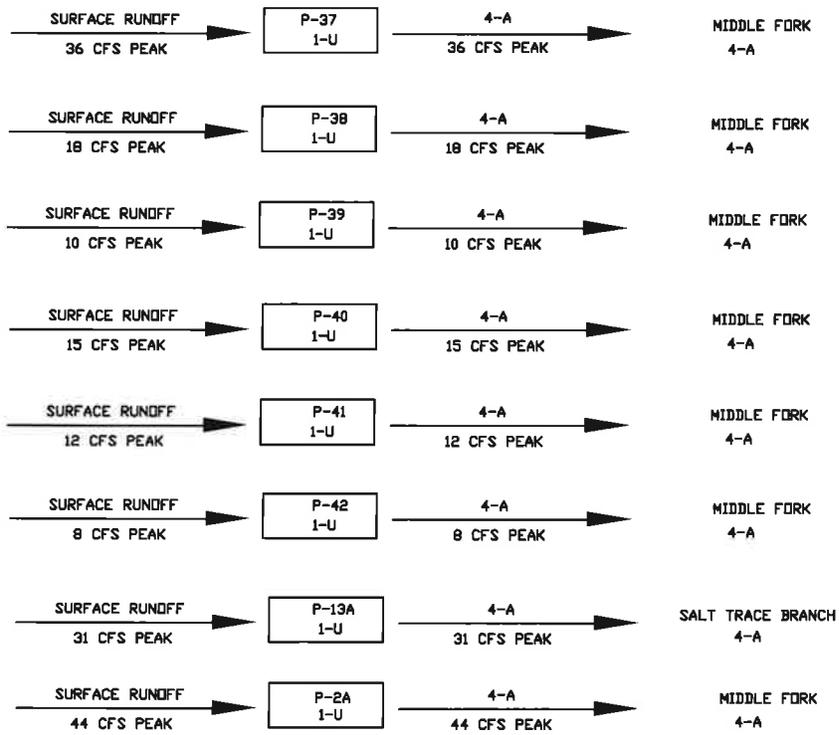
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DRAWN BY: E.BRACE

DESIGN FLOW DIAGRAM

Lexington, Ky Grundy, Va Logan, Wv
Charleston, Wv Hazard, Ky



DATE: 11/06/09

SCALE: NTS

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DRAWN BY: E.BRACE

DESIGN FLOW DIAGRAM



Lexington, Ky Grundy, Va Logan, Wv
 Charleston, Wv Hazard, Ky

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES (Continued)

C. Except for storm water runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

- Yes (Complete the following table.) No (Go to Section III.)

OUTFALL NUMBER (list)	OPERATIONS CONTRIBUTING FLOW (list)	FREQUENCY		FLOW				Duration (in days)
		Days Per Week (specify average)	Months Per Year (specify average)	Flow Rate (in mgd)		Total volume (specify with units)		
				Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

- Yes (Complete Item III-B) List effluent guideline category:
 No (Go to Section IV)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measures of operation)?

- Yes (Complete Item III-C) No (Go to Section IV)

C. If you answered "Yes" to Item III-B, list the quantity which represents the actual measurement of your maximum level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

AVERAGE DAILY PRODUCTION			Affected Outfalls (list outfall numbers)
Quantity Per Day	Units of Measure	Operation, Product, Material, Etc. (specify)	

IV. IMPROVEMENTS

A. Are you now required by any federal, state or local authority to meet any implementation schedule for the construction, upgrading, or operation of wastewater equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders and grant or loan conditions.

- Yes (Complete the following table) No (Go to Item IV-B)

IDENTIFICATION OF CONDITION AGREEMENT, ETC.	AFFECTED OUTFALLS		BRIEF DESCRIPTION OF PROJECT	FINAL COMPLIANCE DATE	
	No.	Source of Discharge		Required	Projected

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided.

NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered 5-18.

D. Use the space below to list any of the pollutants (refer to SARA Title III, Section 313) listed in Table C-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

POLLUTANT	SOURCE	POLLUTANT	SOURCE

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

A. Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

Yes (List all such pollutants below)

No (Go to Item VI-B)

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge of or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

- Yes (Identify the test(s) and describe their purposes below) No (Go to Section VIII)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

- Yes (list the name, address, and telephone number of, and pollutants analyzed by each such laboratory or firm below) No (Go to Section IX)

NAME	ADDRESS	TELEPHONE (Area code & number)	POLLUTANTS ANALYZED (list)
SUMMIT ENGINEERING INC. Laboratory	P.O.BOX 40 BIG ROCK, VIRGINIA 24603	(276)-530-7220	ALL

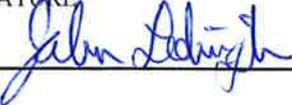
IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print): John Ledington, Attorney-in-fact	TELEPHONE NUMBER (area code and number): (606) 337-5393
SIGNATURE	DATE

IX. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
John Ledington, Attorney-in-fact	(606) 337-5393
SIGNATURE	DATE
	10-28-09

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued from page 3 of Form C)										OUTFALL NO.
I. POLLUTANT	2. EFFLUENT						3. UNITS (specify if blank)		4. INTAKE (optional)	
	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	b. No of Analyses
	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				
a. Biochemical Oxygen Demand (BOD)										
b. Chemical Oxygen Demand (COD)										
c. Total Organic Carbon (TOC)										
d. Total Suspended Solids (TSS)	10						1		Mg/L	
e. Ammonia (as N)										
f. Flow (in units of MGD)	VALUE	0.0004	VALUE	VALUE	VALUE	VALUE	1		MGD	VALUE
g. Temperature (winter)	VALUE		VALUE	VALUE	VALUE	VALUE			°C	VALUE
h. Temperature (summer)	VALUE		VALUE	VALUE	VALUE	VALUE			°C	VALUE
i. pH	MINIMUM 8.5	MAXIMUM	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM			STANDARD UNITS	

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		6. INTAKE (optional)		
	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value	
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass
a. Bromide (24959-67-9)		X									
b. Chloride		X									
c. Chlorine, Total											
Residual		X									
d. Color		X									
e. Fecal <input type="checkbox"/> Coliform		X									
Or E.coli <input type="checkbox"/>											
f. Fluoride (16984-48-8)		X									
g. Hardness (as CaCO ₃)	X		752					mg/L			
h. Nitrate - Nitrite (as N)		X									
i. Nitrogen, Total		X									
Organic (as N)											
j. Oil and Grease		X									
k. Phosphorous (as P), Total											
7723-14-0		X									
l. Radioactivity											
(1) Alpha, Total		X									
(2) Beta, Total		X									
(3) Radium, Total		X									
(4) Radium, 226, Total		X									
(5) Strontium-90, Total											
(6) Uranium											

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)	
			a.		b.		c.		d.	a.	b.	b.
			Maximum Daily Value (1) Concentration	(2) Mass	Maximum 30-Day Value (if available) (1) Concentration	(2) Mass	Long-Term Avg. Value (if available) (1) Concentration	(2) Mass				
m. Sulfate (as SO ₄) (14808-79-8)	X		480						1	mg/L		
n. Sulfide (as S)		X										
o. Sulfite (as SO ₃) (14286-46-3)		X										
p. Surfactants		X										
q. Aluminum, Total (7429-90)	X		0.43						1	mg/L		
r. Barium, Total (7440-39-3)		X										
s. Boron, Total (7440-42-8)		X										
t. Cobalt, Total (7440-48-4)		X										
u. Iron, Total (7439-89-6)	X		0.18						1	mg/L		
v. Magnesium Total (7439-96-4)		X										
w. Molybdenum Total (7439-98-7)		X										
x. Manganese, Total (7439-96-6)	X		0.76						1	mg/L		
y. Tin, Total (7440-31-5)		X										
z. Titanium, Total (7440-32-6)		X										

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the **Testing Required** column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the **Believed Present** column for each pollutant you know or have reason to believe is present. Mark "X" in the **Believed Absent** column for each pollutant you believe to be absent. If you mark either the **Testing Required** or **Believed Present** columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)				
	a. Testing Required	b. Believed Absent	a. Maximum Daily Value (1) Concentration	b. Maximum 30-Day Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available)		a. Concentration	b. Mass	a. Long-Term Avg Value (1) Concentration	b. No. of Analyses			
					(2) Mass	(2) Mass					(2) Mass		
METALS, CYANIDE AND TOTAL PHENOLS													
1M. Antimony Total (7440-36-0)	X		0.002U							1	mg/L		
2M. Arsenic, Total (7440-38-2)	X		0.002U							1	mg/L		
3M. Beryllium Total (7440-41-7)	X		0.002U							1	mg/L		
4M. Cadmium Total (7440-43-9)	X		0.002U							1	mg/L		
5M. Chromium Total (7440-43-9)	X		0.002U							1	mg/L		
6M. Copper Total (7550-50-8)	X		0.002U							1	mg/L		
7M. Lead Total (7439-92-1)	X		0.002U							1	mg/L		
8M. Mercury Total (7439-97-6)	X		3.57X10-6							1	mg/L		
9M. Nickel, Total (7440-02-0)	X		0.012							1	mg/L		
10M. Selenium, Total (7782-49-2)	X		0.002							1	mg/L		
11M. Silver, Total (7440-28-0)	X		0.002U							1	mg/L		

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	Long-Term Avg Value	
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass
METALS, CYANIDE AND TOTAL PHENOLS (Continued)											
12M. Thallium, Total (7440-28-0)	X		0.0005				1	mg/L			
13M. Zinc, Total (7440-66-6)	X		0.099				1	mg/L			
14M. Cyanide, Total (57-12-5)	X		0.02U				1	mg/L			
15M. Phenols, Total	X		0.05U				1	mg/L			
DIOXIN											
2,3,7,8 Tetra- chlorodibenzo, P, Dioxin (1784-01-6)											
GC/MS FRACTION - VOLATILE COMPOUNDS											
1V. Acrolein (107-02-8)		X									
2V. Acrylonitrile (107-13-1)		X									
3V. Benzene (71-43-2)		X									
5V. Bromoform (75-25-2)		X									
6V. Carbon Tetrachloride (56-23-5)		X									
7V. Chloro- benzene (108-90-7)		X									
8V. Chlorodibro- methane (124-48-1)		X									
DESCRIBE RESULTS:											

Part C - Continued

1. POLLUTANT And CASNO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Present	a. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)	d. No. of Analyses	a. Concentration	b. Mass
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				
9V Chloroethane (74-00-3)			X								
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			X								
11V. Chloroform (67-66-3)			X								
12V. Dichloro- bromomethane (75-71-8)			X								
14V 1,1- Dichloroethane (75-34-3)			X								
15V 1,2- Dichloroethane (107-06-2)			X								
16V 1,1- Dichloroethylene (75-35-4)			X								
17V 1,2-Di- chloropropane (78-87-5)			X								
18V 1,3- Dichloropro- pylene (452-75-6)			X								
19V. Ethyl- benzene (100-41-4)			X								
20V. Methyl Bromide (74-83-9)			X								

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)		
	a. Testing Required	b. Believed Absent	a. Maximum Daily Value (1) Concentration	b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)	d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value	
				(1) Concentration	(2) Mass					(1) Concentration	(2) Mass
21V. Methyl Chloride (74-87-3)		X									
22V. Methylene Chloride (75-00-2)		X									
23V. 1,1,2,2-Tetrachloroethane (79-34-5)		X									
24V. Tetrachloroethylene (127-18-4)		X									
25V. Toluene (108-88-3)		X									
26V. 1,2-Trans-Dichloroethylene (156-60-5)		X									
27V. 1,1,1-Trichloroethane (71-55-6)		X									
28V. 1,1,2-Trichloroethane (79-00-5)		X									
29V. Trichloroethylene (79-01-6)		X									
30V. Vinyl Chloride (75-01-4)		X									

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)	
	a. Testing Required	b. Believed Absent	a. Maximum Daily Value (1) Concentration	b. Maximum 30-Day Value (if available) (1) Concentration	c. Long-Term Avg. Value (if available) (1) Concentration	d. No. of Analyses	a. Long-Term Avg Value (1) Concentration	b. No. of Analyses	5.	
									(2) Mass	(2) Mass
GC/MS FRACTION - ACID COMPOUNDS										
1A. 2-Chloro-phenol (95-57-8)		X								
2A. 2,4-Dichloro-Orphenol (120-83-2)		X								
3A. 2,4-Dimethylphenol (105-67-9)		X								
4A. 4,6-Dinitro-o-cresol (534-52-1)		X								
5A. 2,4-Dinitro-phenol (51-28-5)		X								
6A. 2-Nitro-phenol (88-73-5)		X								
7A. 4-Nitro-phenol (100-02-7)		X								
8A. P-chloro-m-cresol (59-50-7)		X								
9A. Pentachloro-phenol (87-88-5)		X								
10A. Phenol (108-05-2)		X								
11A. 2,4,6-Trichlorophenol (88-06-2)		X								
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS										
1B. Accenaphthene (83-32-9)		X								

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	b. Believed Present	a. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	Long-Term Avg Value	b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass					
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (Continued)														
2B. Acena- phylene (208-96-8)			X											
3B. Anthra- cene (120-12-7)			X											
4B. Benzidine (92-87-5)			X											
5B. Benzo(a)- anthracene (56-55-3)			X											
6B. Benzo(a)- pyrene (50-32-8)			X											
7B. 3,4-Benzo- fluoranthene (205-99-2)			X											
8B. Benzo(ghi) perylene (191-24-2)			X											
9B. Benzo(k)- fluoranthene (207-08-9)			X											
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			X											
11B. Bis (2-chlor- oisopropyl)- Ether			X											
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X											

Part C - Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT				4. UNITS		5. INTAKE (optional)							
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available)	(1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available)	(1) Concentration	(2) Mass	d. No. of Analyses	a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses	
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (Continued)																
13B 4-Bromo-phenyl Phenyl ether (101-55-3)			X													
14B Butyl- benzyl phthalate (85-68-7)			X													
15B 2-Chloro- naphthalene (7005-72-3)			X													
16B 4-Chloro- phenyl phenyl ether (7005-72-3)			X													
17B Chrysene (218-01-9)			X													
18B Dibenzo- (a,h) Anthracene (53-70-3)			X													
19B 1,2- Dichloro- benzene (95-50-1)			X													
20B 1,3- Dichloro- Benzene (541-73-1)			X													
21B 1,4- Dichloro- benzene (106-46-7)			X													
22B 3,3- Dichloro- benzidine (91-94-1)			X													
23B Diethyl Phthalate (84-66-2)			X													

Part C – Continued																	
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)					
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses		
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (Continued)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	
24B. Dimethyl Phthalate (131-11-3)			X														
25B. Di-N- butyl Phthalate (84-74-2)			X														
26B. 2,4-Dinitro- toluene (121-14-2)			X														
27B. 2,6-Dinitro- toluene (606-20-2)			X														
28B. Di-n-octyl Phthalate (117-84-0)			X														
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X														
30B. Fluoranthene (208-44-0)			X														
31B. Fluorene (86-73-7)			X														
32B. Hexachloro- benzene (118-71-1)			X														
33B. Hexachloro- butadiene (87-68-3)			X														
34B. Hexachloro- cyclopenta- diene (77-47-4)			X														

Part C - Continued															
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)				
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value (1) Concentration	(2) Mass	b. Maximum 30-Day Value (if available)	(1) Concentration	(2) Mass	c. Long-Term Avg. Value (if available)	(1) Concentration	(2) Mass	d. No. of Analyses	a. Long-Term Avg Value (1) Concentration	(2) Mass	b. No. of Analyses
GC/MS FRACTION - BASE/NEUTRAL COMPOUNDS (Continued)															
35B. Hexachloroethane (67-72-1)			X												
36B. Indeno-(1,2,3-oc)-Pyrene (193-39-5)			X												
37B. Isophorone (78-59-1)			X												
38B. Naphthalene (91-20-3)			X												
39B. Nitrobenzene (98-95-3)			X												
40B. N-Nitrosodimethylamine (62-75-9)			X												
41B. N-nitrosodipropylamine (621-64-7)			X												
42B. N-nitrosodiphenylamine (86-30-6)			X												
43B. Phenanthrene (85-01-8)			X												
44B. Pyrene (129-00-0)			X												
45B. 1,2,4 Trichlorobenzene (120-82-1)			X												

Part C – Continued																
1. POLLUTANT And CAS NO. (if available)	2. MARK "X"			3. EFFLUENT						4. UNITS		5. INTAKE (optional)				
	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg. Value		b. No. of Analyses	
		(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	
		Concentration	Mass	Concentration	Mass	Concentration	Mass	Concentration	Mass	Concentration	Mass	Concentration	Mass	Concentration	Mass	
GC/MS FRACTION – PESTICIDES																
1P. Aldrin (309-00-2)			X													
2P. α-BHC (319-84-6)			X													
3P. β-BHC (58-89-9)			X													
4P. gamma-BHC (58-89-9)			X													
5P. δ-BHC (319-86-8)			X													
6P. Chlordane (57-74-9)			X													
7P. 4,4'-DDT (50-29-3)			X													
8P. 4,4'-DDE (72-55-9)			X													
9P. 4,4'-DDD (72-54-8)			X													
10P. Dieldrin (60-57-1)			X													
11P. α-Endosulfan (115-29-7)			X													
12P. β-Endosulfan (115-29-7)			X													
13P. Endosulfan Sulfate (1031-07-8)			X													
14P. Endrin (72-20-8)			X													

Part C - Continued

1. POLLUTANT And CAS NO. (if available)	2. MARK "X"		3. EFFLUENT						4. UNITS		5. INTAKE (optional)			
	a. Testing Required	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of Analyses	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
			(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass				(1) Concentration	(2) Mass	
GC/MS FRACTION - PESTICIDES														
15P Endrin Aldehyde (7421-93-4)		X												
16P Heptachlor (76-44-8)		X												
17P Heptachlor Epoxide (1024-57-3)		X												
18P PCB-1242 (53469-21-9)		X												
19P PCB-1254 (11097-69-1)		X												
20P PCB-1221 (11104-28-2)		X												
21P PCB-1232 (11141-16-5)		X												
22P PCB-1248 (12672-29-6)		X												
23P PCB-1260 (11096-82-5)		X												
24P PCB-1016 (12674-11-2)		X												
25P Toxaphene (8001-35-2)		X												